

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name

acrolein (á krô le ín)	acrolein
alachlor (ál á chlôr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (ám' ê trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amitrole (ám' í trôl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ás' ù lăm)	methyl sulfanilylcarbamate
atrazine (á' trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (bár' bãn)	4-chloro-2-butynyl <i>m</i> -chlorocarbaniolate
benefin (bên' ê fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bên' sũl' íd)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (bên' tá zôn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4) 3 <i>H</i> -one 2,2-dioxide
benzadox (bên' zuh dôx)	(benzamidooxy)acetic acid
benzipram (bên' zi pram)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
bifenox (bí' fê nãks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô' mốx' ỹ nil)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byũt' a klôr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bjũ' taam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthiazole (byũ-thĩ'-á-zôl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bũ' trã lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bũ' tí lât)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cã' cô dỹl' íc)	hydroxydimethylarsine oxide
carbetamide (cãr bêt' á mide)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethyldithiocarbamate
chloramben (klôr' âm' bèn)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klôr' brôm u rôn)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô' rôx' ù rôn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clôr' prô' fãm)	isopropyl <i>m</i> -chlorocarbaniolate
cisanilide (sis' án' ã líd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cũ' án' á zên)	2-[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl]amino]-2-methylpropionitrile
cycloate (sy' clô' át)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy' klũ rôn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (si' pãr kwãt)	1-methyl-4-phenylpyridinium
cyprazine (si' prã zêen)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (si' prã zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' prô' mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dãl' á pôn)	2,2-dichloropropionic acid
dazomet (dã' zô mêt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dêz' mêt' ê fãm)	ethyl <i>m</i> -hydroxycarbaniolate carbanilate (ester)
desmetryn (dês' mêt' trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dí' ãl lât)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dí' kãm' bà)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dí' clô' bèn' il)	2,6-dichlorobenzonitrile
dichlorprop (dí' clôr' prôp)	2-(2,4-dichlorophenoxy)propionic acid
difenzoquat (dí' fên zô kwãt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dí' nĩ' trá mên)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dí' nô' sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dí' fên' á mid)	<i>N,N</i> -dimethyl-2,2-dipheylacetamide
dipropetryn (dí' prôp' ê trin)	2-ethylthio-4-bis-isopropylamino- <i>s</i> -triazine
diquat (dí' kwãt)	6,7-dihydrodipyrido[1,2- α :2',1'- c]pyrazinedium ion
diuron (dí' ù rôn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ên' dô thãl)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ũr' bôn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth al flũr' á lĩn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thĩ' ò lãte)	<i>S</i> -ethyl diethylthiocarbamate
fenac (fên' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fên' ù rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flũ klôr' a lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ ô mêt' ù rôn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũ ô dí' fên)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glĩ' fô sãt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hêx' á flôor' áte)	potassium hexafluoroarsenate
ioxynil (ĩ' ôx' ỹ nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ĩ' sôprô' pa lĩn)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

karbutilate (kar byüt' lät)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1, 1-dimethylurea
lenacil (lèn' à cìl)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione
linuron (lín' ù rôn)	3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea
MAA	methanearsonic acid
MAMA	monoammonium methanearsonate
MCPA	[(4-chloro- <i>o</i> -tolyl)oxy]acetic acid
MCPB	4-[(4-chloro- <i>o</i> -tolyl)oxy]butyric acid
mecoprop (mèc' ô prôp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (me' flù' í did)	<i>N</i> -[2,4-dimethyl-5-[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide
metham (mèth' à m)	sodium methylthiocarbamate
methazole (mèth' à zôl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metribuzin (mè trî bu' zîn)	4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazine-5(4 <i>H</i>)one
MH	1,2-dihydro-3,6-pyridazinedione
molinate (mô' lí nât)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (môn' ô lín' ù rôn)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron (môn' ù rôn)	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea
monuronTCA	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)
MSMA	monosodium methanearsonate
napropamide (nâ prôp' a mîde)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (nâp' tâ lâm)	<i>N</i> -1-naphthylphthalamic acid
neburon (nèb' ù rôn)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (ní' trà lîn)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (ní' trô fèn)	2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether
nitrofluorfen (nitrô flôr' fèn)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nô ré' uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nôr' flür æ zân)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ô rî' zâ lîn)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (ox' à dí' a zon)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (ox' ÿ-flôr-fèn)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pâr' à kwât)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pèb' ù lât)	<i>S</i> -propyl butylethylthiocarbamate
penoxalin (pen' äks æ lîn)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (per' flù' í dôn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fèn mèd' í fâm)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic' lôr à m)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prô' sî æ zèn)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prô flür' à lîn)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometone (prô' mè tôn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prô' mè trîn)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prôn' à mîde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prô' pâ clôr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prô' pâ nil)	3',4'-dichloropropionanilide
propazine (prô' pâ zèn)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prô' fâm)	isopropyl carbanilate
prosulfalin (prô sul' fa lîn)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prîn' à klôr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pî' rà zôn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek' byü me' tân)	<i>N</i> -ethyl-6-methoxy- <i>N'</i> (1-methylpropyl)-1,3,5-triazine-2,4-diamine
siduron (sid' ù rôn)	1-(2-methylcyclohexyl)-3-phenylurea
silvex (sîl' vèks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sîm' à zèn)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sîm' è trin)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tèb' ù thî' ù rôn)	<i>N</i> : [5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tèr bà cìl)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbutylazine (ter byü thîl' à zèn)	2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tèr' bù tòl)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (tèr' bù trîn)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
triallate (trî àl lât)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
tricypr (trî' klô pir)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trî flür' à lîn)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trî mèt' ù rôn)	1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea
2,3,6-TBA ^b	2,3,6-trichlorobenzoic acid
2,4-D	(2,4-dichlorophenoxy)acetic acid
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
2,4-DEP	tris[2-(2,4-dichlorophenoxy)ethyl] phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate (vèr' nô lât)	<i>S</i> -propyl dipropylthiocarbamate

^aHerbicides no longer in use in USA are omitted. Complete listing, including these, is in WEEDS 14(4), 1966 and in Weed Science 23(1), 1975.

^bThis herbicide usually is available as mixed isomers. When possible, the isomers should be identified, the amount of each isomer in the mixture specified and the source of the experimental chemicals given.